

ARE YOU READY?

Try the questions below. If you have difficulty with any of them, extra help can be obtained by completing the matching SkillsHEET. Either click on the SkillsHEET icon next to the question on the *Maths Quest Preliminary Course* eBookPLUS or ask your teacher for a copy.

eBook *plus*

Digital doc
SkillsHEET 10.1
doc-1581
Finding the
mean of a list
of scores

Finding the mean of a list of scores

- 1 Find the average of each of the following sets of scores.
- a 1, 3, 4, 6, 8
 - b 1.5, 1.2, 1.3, 1.5, 1.8, 1.1, 1.2, 1.7
 - c 180, 45, 92, 84, 96, 2, 104, 32, 8, 111

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Digital doc
SkillsHEET 10.2
doc-1582
Presenting
data as a dot
plot

Presenting data as a dot plot

- 2 Draw a dot plot to represent the following data.
- 6 8 7 9 4 6 7 8 3 5 7

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Digital doc
SkillsHEET 10.3
doc-1583
Presenting
data in a
frequency
table

Presenting data in a frequency table

- 3 a Display the following sets of scores in a frequency table.
- 15 16 18 19 15 13 14 13 12 18
15 19 18 12 14 13 17 18 14 16
- b Use the classes 0–9, 10–19, 20–29, ... etc. to display the scores below in a frequency table.
- 45 13 9 12 28 19 36 37 28 42
28 18 39 28 36 40 28 37 28 48

Presenting data as a stem-and-leaf plot

- 4** Place the scores shown below in a stem-and-leaf plot.

48	31	20	20	46	20	25	41	32	49
24	31	31	28	46	48	41	46	27	46
29	24	36	44	29	40	41	20	39	41